

Fast-Dissolve Tablet Technology

Abstract

The current invention relies on a process already provided in great detail in US patent 60/437,507 and an associated CIP filed on May 23, 2003 and hereby incorporated by reference. However, it was noted during additional studies that if the Cushioning BeadsTM were milled to a particle size between about 10 mesh and about 50 mesh and to a most preferred size of 30-40 mesh, the Cushioning BeadsTM did not lose their ability to protect coated particles during compression, as would be expected because of the fine milling. Moreover, it was also discovered that tablets compressed from the milled Cushioning BeadsTM immediately disperse in the mouth. A final advantage of the current invention is the improved hardness and friability. The invention produces a tablet of 2Kp or 20N hardness. A vast improvement because it allows for use of conventional manufacturing and packaging equipment.